

IT IS CLAIMED:

1. A granular pesticide comprising a core material coated with an inner polymer membrane formed in situ on the core material, a pesticide applied to the inner polymer membrane on the core material, and an outer controlled release polymer membrane formed in situ on the pesticide to permit controlled release of the pesticide.

2. The granular pesticide of claim 1 wherein the core material is ammonium sulfate.

3. The granular pesticide of claims 1 or 2 wherein the pesticide is acephate.

4. The granular pesticide of claims 1 or 2 or 3 wherein the inner polymer membrane is formed in situ from a diisocyanate and a polyol.

5. The granular pesticide of claim 4 wherein the diisocyanate is polymeric diphenylmethane diisocyanate.

6. The granular pesticide of claims 4 or 5 wherein the polyol is a polyester polyol.

7. The granular pesticide of claim 6 wherein the polyester polyol is blended with triethanolamine.

8. The granular pesticide of claims 1 or 2 or 3 or 4 wherein the outer controlled release polymer membrane is formed in situ from a diisocyanate and a polyol.

9. The granular pesticide of claim 8 wherein the diisocyanate is polymeric diphenylmethane diisocyanate.

10. The granular pesticide of claim 8 or 9 wherein the polyol is a polyester polyol.

11. The granular pesticide of claim 10 wherein the polyester polyol is blended with triethanolamine.

12. The granular pesticide of claim 7 wherein said granular pesticide is coated with a plurality of layers of pesticide.

13. A method of making a granular pesticide comprising the steps of

coating a core material with an inner polymer membrane formed in situ on the core material;

applying a pesticide to the inner polymer membrane on the core material, and

forming in situ an outer controlled release membrane on the pesticide to permit controlled release of the pesticide.

14. The method of claim 13 wherein the core material is ammonium sulfate.

15. The method of claims 13 or 14 wherein the pesticide is acephate.

16. The method of claims 13 or 14 or 15 wherein the inner polymer membrane is formed in situ from a diisocyanate and a polyol.

17. The method of claim 16 wherein the polyol is a polyester polyol.

18. The method of claim 17 wherein the polyester polyol is blended with triethanolamine.

19. The method of claims 13 or 14 or 15 or 16 wherein the outer controlled release polymer membrane is formed in situ from a diisocyanate and a polyol.

20. The method of claim 19 wherein the diisocyanate is polymeric diphenylmethane diisocyanate.

21. The method of claims 19 or 20 wherein the polyol is a polyester polyol.

22. The method of claim 21 wherein the polyester polyol is blended with triethanolamine.

23. The method of claim 22 wherein said granular pesticide is coated with a plurality of layers of pesticide.